

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

## Complete if Known

Application No.	10/583,812
Filing Date	6/22/2006
First Named Inventor	Richard K. Cooper
Group Art Unit	
Examiner Name	
Attorney Docket Number	51687-0261 (51687-331126)

Sheet 1 of 23

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	1	4,670,388		Rubin et al.	06/02/1987	
	2	4,870,009		Evans et al.	09/26/1989	
	3	4,914,025		Manoil et al.	04/03/1990	
	4	5,102,797		Tucker et al.	04/07/1992	
	5	5,162,215		Bosselman et al.	11/10/1992	
	6	5,212,080		Nag et al.	05/18/1993	
	7	5,512,483		Mader et al.	04/30/1996	
	8	5,556,782		Cooper et al.	09/17/1996	
	9	5,565,362		Rosen	10/15/1996	
	10	5,645,991		Berg et al.	07/08/1997	
	11	5,703,055		Felgner et al.	12/30/1997	
	12	5,733,779		Reff	03/31/1998	
	13	5,753,502		Kilgannon et al.	05/19/1998	
	14	5,861,478		Jaynes	01/19/1999	
	15	5,869,296		Nag et al.	02/09/1999	
	16	5,925,545		Reznikoff et al.	07/20/1999	
	17	5,948,622		Reznikoff et al.	09/07/1999	
	18	5,958,775		Wickstrom et al.	09/28/1999	
	19	5,962,410		Jaynes et al.	10/05/1999	
	20	5,965,443		Reznikoff et al.	10/12/1999	
	21	5,998,698		Cooper et al.	12/07/1999	
	22	6,080,912		Bremel et al.	06/27/2000	
	23	6,107,477		Whitney et al.	08/22/2000	
	24	6,140,129		Cox et al.	10/31/2000	

Examiner  
Signature

/Sumesh Kaushal/ (01/30/2011)

Date  
Considered

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/746,149
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	2	of	23	Attorney Docket Number	51687-0261 (51687-331126)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	25	6,156,568		Cooper et al.	12/05/2000	
	26	6,159,730		Reff	12/12/2000	
	27	6,159,736		Reznikoff et al.	12/12/2000	
	28	6,171,861		Hartley et al.	01/09/2001	
	29	6,218,185		Cooper	02/17/1998	
	30	6,218,185		Shirk et al.	04/17/2001	
	31	6,255,282		Jaynes	07/03/2001	
	32	6,258,571		Chumakov et al.	07/10/2001	
	33	6,261,554		Valerio et al.	07/17/2001	
	34	6,291,214		Richards et al.	09/18/2001	
	35	6,291,243		Fogarty et al.	09/18/2001	
	36	6,291,740		Bremel et al.	09/18/2001	
	37	6,303,568		Jaynes et al.	10/16/2001	
	38	6,316,692		Readhead et al.	11/13/2001	
	39	6,358,710		Graves et al.	03/19/2002	
	40	6,376,743		Yanagimachi	04/23/2002	
	41	6,475,798		Fogarty et al.	11/05/2002	
	42	6,489,458		Hackett et al.	12/03/2002	
	43	6,492,510		Hasebe et al.	12/10/2002	
	44	6,503,729		Bult et al.	01/07/2003	
	45	6,514,728		Kai et al.	02/04/2003	
	46	6,515,199		Petitte et al.	02/04/2003	
	47	6,528,699		Meade et al.	03/04/2003	
	48	6,563,017		Muramatsu et al.	05/13/2003	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/746,149
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	3	of	23	Attorney Docket Number	51687-0261 (51687-331126)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)			
	49	6,730,822		Ivarie et al.	05/04/2004	
	50	6,759,573		Olhoft et al.	07/06/2004	
	51	2001/0044937		Schatten et al.	11/22/2001	
	52	2002/0007051		Cheo et al.	01/17/2002	
	53	2002/0013955		Ogden et al.	01/31/2002	
	54	2002/0028488		Singh et al.	03/07/2002	
	55	2002/0028513		Fogarty et al.	03/07/2002	
	56	2002/0042137		Richards et al.	04/11/2002	
	57	2002/0052047		Hasebe et al.	05/02/2002	
	58	2002/0053092		Readhead et al.	05/02/2002	
	59	2002/0055172		Harrington	05/09/2002	
	60	2002/0056148		Readhead et al.	05/09/2002	
	61	2002/0072097		delCardayre et al.	06/13/2002	
	62	2002/0076797		Lin	06/20/2002	
	63	2002/0083479		Winston et al.	06/27/2002	
	64	2002/0099015		Barber	07/25/2002	
	65	2002/0104109		Bremel et al.	08/01/2002	
	66	2002/0108132		Rapp	08/08/2002	
	67	2002/0119573		Shaw et al.	08/29/2002	
	68	2002/0129398		Winston et al.	09/12/2002	
	69	2002/0132349		Goryshin et al.	09/19/2002	
	70	2002/0133835		Winston et al.	09/19/2002	
	71	2002/0138865		Readhead et al.	09/26/2002	
	72	2002/0148000		Shen	10/10/2002	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/746,149
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
Examiner Name					
Sheet	4	of	23	Attorney Docket Number	51687-0261 (51687-331126)

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	73	2002/0150577		Lee et al.	10/17/2002	
	74	2002/0151034		Zhang et al.	10/17/2002	
	75	2002/0157125		Lee et al.	10/24/2002	
	76	2002/0160507		Novy et al.	10/31/2002	
	77	2002/0188105		Craig et al.	12/12/2002	
	78	2002/0199214		Rapp	12/26/2002	
	79	2003/0009026		Hasebe et al.	01/09/2003	
	80	2003/0017534		Buelow et al.	01/23/2003	
	81	2003/0055017		Schwarz et al.	03/20/2003	
	82	2003/0056241		Matsuda et al.	03/20/2003	
	83	2003/0061629		Sutrave	03/27/2003	
	84	2003/0074680		Lee et al.	04/17/2003	
	85	2003/0074681		Macarthur	04/17/2003	
	86	2003/0101472		Baltimore et al.	05/29/2003	
	87	2003/0115622		Ponce de Leon et al.	06/19/2003	
	88	2003/0121062		Radcliffe et al.	06/26/2003	
	89	2003/0126628		Harvey et al.	07/03/2003	
	90	2003/0126629		Rapp et al.	07/03/2003	
	91	2003/0140363		Rapp	07/24/2003	
	92	2003/0150006		Petitte et al.	08/07/2003	
	93	2003/0154502		Wimmer et al.	08/14/2003	
	94	2003/0167492		Lee et al.	09/04/2003	
	95	2003/0170888		Van de Lavoie et al.	09/11/2003	
	96	2003/0172387		Zhu et al.	09/11/2003	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known		
				Application No.	10/746,149	
				Filing Date	6/22/2006	
				First Named Inventor	Richard K. Cooper	
				Group Art Unit		
				Examiner Name		
Sheet	5	of	23	Attorney Docket Number	51687-0261 (51687-331126)	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	97	2003/0177516		Horseman et al.	09/18/2003	
	98	2003/0182672		Graham et al.	09/25/2003	
	99	2003/0182675		Etches et al.	09/25/2003	
	100	2003/0217375		Zcharia et al.	11/20/2003	
	101	2003/0221206		Schatten et al.	11/27/2003	
	102	2003/0224519		Harrington et al.	12/04/2003	
	103	2004/0006776		Meade et al.	01/08/2004	
	104	2004/0018624		Harrington et al.	01/29/2004	
	105	2004/0019922		Ivarie et al.	01/09/2004	
	106	2004/0040052		Radcliffe et al.	02/26/2004	
	107	2004/0158882		Ivarie et al.	08/12/2004	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
Examiner Name					
Sheet	6	of	23	Attorney Docket Number	51687-0261 (51687-331126)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	108	WO	00/30437		Wisconsin Alumni Research Foundation	06/02/2000		
	109	WO	00/56932		The University of Georgia Research Foundation, Inc.	09/28/2000		
	110	WO	01/14537		The United States of America as Represented by The Secretary of Agriculture	03/01/2001		
	111	WO	01/19846		Genzyme Transgenics Corporation	03/22/2001		
	112	WO	01/23525		Genzyme Transgenics Corporation	04/05/2001		
	113	WO	01/26455		Genzyme Transgenics Corporation	04/19/2001		
	114	WO	01/43540		Schatten	06/21/2001		
	115	WO	01/71019	A1	Savakis et al.	09/27/2001		
	116	WO	01/73094		BioAgri Corporation	10/04/2001		
	117	WO	01/85965		EMBL	11/15/2001		
	118	EP	1,375,654		GTC Biotherapeutics, Inc.	01/02/2004		
	119	WO	02/063293		Avigenics, Inc.	08/15/2002		
	120	WO	03/024199		Avigenics, Inc.	03/27/2003		

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
Examiner Name					
Sheet	7	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	121	WO	03/025146		Avigenics, Inc.	03/27/2003		
	122	WO	03/064627		Origen Therapeutics	08/07/2003		
	123	WO	92/20316		University of Connecticut, Targetech, Inc.	11/26/1992		
	124	WO	94/20608		Creighton University Office of Technology Transfer	09/15/0994		
	125	WO	95/31566		Viagene Incorporated	11/23/1995		
	126	WO	97/47739		Board of Trustees Operating Michigan State University	12/18/1997		
	127	WO	99/09817		Biotechnology and Biological Sciences Research Council	03/04/1999		
	128	WO	99/19472		University of Georgia Research Foundation, Inc.	04/22/1999		
	129	WO	99/40213		TranXenogen	09/12/1999		
	130	WO	99/42569		Kimron Veterinary Institute	08/26/1999		
	131	WO	1993/24626		Scientific Dimensions USA Inc.	12/09/1993		
	132	WO	2000/11151		University of Georgia Research Foundation, Inc.	03/02/2000		
	133	WO	2001/17344		Biofarm	03/15/2001		

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known				
				Application No.		10/583,812		
				Filing Date		6/22/2006		
				First Named Inventor		Richard K. Cooper		
				Group Art Unit				
Examiner Name				Attorney Docket Number		51687-0261 (51687-331126)		
Sheet	8	of	23					
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>					
	134	WO	2002/47475		Kaneka Corporation	06/20/2002		
	135	WO	2003/014344		Viragen Incorporated	02/20/2003		
	136	WO	2003/048364		Avigenics, Inc.	06/12/2003		
	137	WO	2004/047531		Viragen Incorporated Oxford Biomedica PLC	06/10/2004		
	138	WO	2004/110143		IO-Genetics, Inc.	12/23/2004		

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	9	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	139	<b>Author:</b> ABDEL-SALAM et al. <b>Title:</b> Expression of Mouse Anticreatine Kinase (MAK33) Monoclonal Antibody in the Yeast <i>Hansenula Polymorpha</i> <b>Publ:</b> <u>Appl. Microbiol. Biotechnol.</u> <b>Vol/Iss:</b> 56 <b>Pages:</b> 157-164 <b>Date:</b> 2001	
	140	<b>Author:</b> AFANASSIEFF et al. <b>Title:</b> Intratesticular Inoculation of Avian Leukosis Virus (ALV) in Chickens - Production of Neutralizing Antibodies and Lack of Virus Shedding into Semen <b>Publ:</b> <u>Avian Diseases</u> <b>Vol/Iss:</b> Vol. 40 <b>Pages:</b> 841-852 <b>Date:</b> 01-01-1996	
	141	<b>Author:</b> ANDRA et al. <b>Title:</b> Generation and Characterization of Transgenic Mice Expressing Cobra Venom Factor <b>Publ:</b> <u>Molecular Immunology</u> <b>Vol/Iss:</b> 39 <b>Pages:</b> 357-365 <b>Date:</b> 2002	
	142	<b>Author:</b> ARAKI et al. <b>Title:</b> Site-specific Recombination of a Transgene in Fertilized Eggs by Transient Expression of Cre Recombinase <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u> <b>Vol/Iss:</b> Vol. 92 <b>Pages:</b> 160-164 <b>Date:</b> 01-01-1995	
	143	<b>Author:</b> ARGAUD et al. <b>Title:</b> Regulation of Rat Liver Glucose-6-Phosphatase Gene Expression in Different Nutritional and Hormonal States <b>Publ:</b> <u>Diabetes</u> <b>Vol/Iss:</b> Vol. 45 <b>Pages:</b> 1563-1571 <b>Date:</b> 11-01-1996	
	144	<b>Author:</b> AWADE, A.C. <b>Title:</b> On Hen Egg Fractionation: Applications of liquid Chromatography to the Isolation and the Purification of Hen Egg White and Egg Yolk Proteins <b>Publ:</b> <u>Z Lebensm Unters Forsch</u> <b>Vol/Iss:</b> Vol. 202 <b>Pages:</b> 1-14 <b>Date:</b> 01-01-1996	
	145	<b>Author:</b> AWADE et al. <b>Title:</b> Comparison of Three Liquid Chromatographic Methods for Egg-white Protein Analysis <b>Publ:</b> <u>Journal of Chromatography B.</u> <b>Vol/Iss:</b> Vol. 723 <b>Pages:</b> 69-74 <b>Date:</b> 01-01-1999	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	10	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	146	<b>Author:</b> BEARDSLEY, T. <b>Title:</b> Gene therapy Setback: A tragic Death Clouds the Future of an Innovative Treatment Method <b>Publ:</b> <a href="http://www.sciam.com/2000/0200issue/0200techbus5.html">http://www.sciam.com/2000/0200issue/0200techbus5.html</a> <b>Vol/Iss:</b> <b>Pages:</b> 1-2 <b>Date:</b> 06/11/2001	
	147	<b>Author:</b> BELL et al. <b>Title:</b> Nucleotide Sequence of a cDNA Clone Encoding Human Preproinsulin <b>Publ:</b> Nature <b>Vol/Iss:</b> Vol. 282 <b>Pages:</b> 525-527 <b>Date:</b> 11-29-1979	
	148	<b>Author:</b> BOLLI et al. <b>Title:</b> Insulin Analogues and Their Potential in the Management of Diabetes Mellitus <b>Publ:</b> Diabetologia <b>Vol/Iss:</b> Vol. 42 <b>Pages:</b> 1151-1167 <b>Date:</b> 01-01-1999	
	149	<b>Author:</b> BRINSTER, R.L. <b>Title:</b> Germline Stem Cell Transplantation and Transgenesis <b>Publ:</b> Science <b>Vol/Iss:</b> Vol. 296 <b>Pages:</b> 2174-2176 <b>Date:</b> 06-21-2002	
	150	<b>Author:</b> CHATTERJEE et al. <b>Title:</b> Retrofitting High Molecular Weight DNA Cloned in P1: Introduction of Reporter Genes, markers in Mammalian Cells and Generation of Nested Deletions <b>Publ:</b> Genetic Analysis: Biomolecular Engineering <b>Vol/Iss:</b> Vol. 13 <b>Pages:</b> 33-42 <b>Date:</b> 01-01-1996	
	151	<b>Author:</b> CIAMPI, M.S. et al. <b>Title:</b> Transposon Tn10 Provides a Promoter for transcription of adjacent sequences <b>Publ:</b> Proc Natl Acad Sci USA <b>Vol/Iss:</b> 79(16) <b>Pages:</b> 5016-5020 <b>Date:</b> 08-01-1982	
	152	<b>Author:</b> CIFTCI et al. <b>Title:</b> Applications of Genetic Engineering in Veterinary Medicine <b>Publ:</b> Advanced Drug Delivery Reviews <b>Vol/Iss:</b> Vol. 43 <b>Pages:</b> 57-64 <b>Date:</b> 01-01-2000	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	11	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	153	<b>Author:</b> DAVIS, M.A. et al. <b>Title:</b> Tn10 Protects Itself at two levels from fortuitous activation by external promoters  <b>Publ:</b> Cell  <b>Vol/Iss:</b> 43(1) <b>Pages:</b> 379-387 <b>Date:</b> 11-11-1985	
	154	<b>Author:</b> DEMATTEO et al. <b>Title:</b> Engineering Tissue-Specific Expression of a Recombinant Adenovirus: Selective Transgene Transcription in the Pancreas Using the Amylase Promoter  <b>Publ:</b> Journal of Surgical Research  <b>Vol/Iss:</b> Vol. 72 <b>Pages:</b> 155-161 <b>Date:</b> 01-01-1997	
	155	<b>Author:</b> DESERT, C. et al. <b>Title:</b> Comparisons of Different Electrophoretic Separations of Hen Egg White Proteins  <b>Publ:</b> J. Agric. Food Chem.  <b>Vol/Iss:</b> Vol. 49 <b>Pages:</b> 4553-4561 <b>Date:</b> 01-01-2001	
	156	<b>Author:</b> DIERICH, A. et al. <b>Title:</b> "Cell-Specificity of the Chicken Ovalbumin and Conalbumin Promoters"  <b>Publ:</b> The EMBO Journal  <b>Vol/Iss:</b> <b>Pages:</b> 2305-2312 <b>Date:</b> 01-01-1987	
	157	<b>Author:</b> DONG et al. <b>Title:</b> Hepatic Insulin Production Type-1 Diabetes  <b>Publ:</b> Trends in Endocrinology & Metabolism  <b>Vol/Iss:</b> Vol. 12 No. 10 <b>Pages:</b> 441-446 <b>Date:</b> 12-01-2001	
	158	<b>Author:</b> DUPUY et al. <b>Title:</b> Mammalian Germ-like Transgenesis by Transposition  <b>Publ:</b> PNAS  <b>Vol/Iss:</b> Vol. 99 No. 7 <b>Pages:</b> 4495-4499 <b>Date:</b> 04-02-2002	
	159	<b>Author:</b> EBARA et al. <b>Title:</b> Possible Abnormalities of Chimeric Chicken Caused by the Introduction of Exogenous Genes into Chicken Embryos via Primordial Germ Cells (PGC's)  <b>Publ:</b> Asian-Aus. J. Anim. Sci.  <b>Vol/Iss:</b> Vol. 13 No. 11 <b>Pages:</b> 1514-1517 <b>Date:</b> 01-01-2000	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	12	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	160	<b>Author:</b> EBARA et al. <b>Title:</b> In Vivo Gene Transfer into Chicken Embryos via Primordial Germ Cells Using Green Fluorescent Protein as a Marker <b>Publ:</b> Journal of Reproduction and Development <b>Vol/Iss:</b> Vol. 46 No. 2 <b>Pages:</b> 79-83 <b>Date:</b> 01-01-2000	
	161	<b>Author:</b> EGGLESTON et al. <b>Title:</b> A Sensitive and Rapid Assay for Homologous Recombination in Mosquito Cells: Impact of Vector Topology and Implications for Gene Targeting <b>Publ:</b> BMC Genetics <b>Vol/Iss:</b> 2 (21) <b>Pages:</b> 1-9 <b>Date:</b> 12/17/2001	
	162	<b>Author:</b> ETCHES et al. <b>Title:</b> Gene Transfer: Overcoming the Avian Problems (Abstract Provided) <b>Publ:</b> Proceedings, 5th World Congress, University of Guelph <b>Vol/Iss:</b> Vol. 20 <b>Pages:</b> 97-101 <b>Date:</b> 08-01-1994	
	163	<b>Author:</b> ETCHES et al. <b>Title:</b> Manipulation of the Avian Genome <b>Publ:</b> Manipulation of the Avian Genome <b>Vol/Iss:</b> <b>Pages:</b> 322 <b>Date:</b> 01-01-1993	
	164	<b>Author:</b> ETCHES, R.J. et al. <b>Title:</b> Strategies for the Production of Transgenic Chicken <b>Publ:</b> Methods in Molecular Biology <b>Vol/Iss:</b> 62 <b>Pages:</b> 433-450 <b>Date:</b> 01-01-1997	
	165	<b>Author:</b> FALQUI et al. <b>Title:</b> Reversal of Diabetes in Mice by Implantation of Human Fibroblasts Genetically Engineered to Release Mature Human Insulin <b>Publ:</b> Human Gene Therapy <b>Vol/Iss:</b> Vol. 10 <b>Pages:</b> 1753-1762 <b>Date:</b> 07-20-1999	
	166	<b>Author:</b> FISCHER, S. et al. <b>Title:</b> Regulated Transposition of a Fish Transposon in the Mouse Germ Line <b>Publ:</b> Proc. Natl. Acad. Sci. USA <b>Vol/Iss:</b> 98 (12) <b>Pages:</b> 6759-6764 <b>Date:</b> 01-01-2001	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	13	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	167	<b>Author:</b> FONG, K.P. et al. <b>Title:</b> The genes for benzene catabolism in <i>Pseudomonas putida</i> ML2 are flanked by two copies of the insertion element IS1489, forming a class-I-type catabolic transposon, Tn5542 <b>Publ:</b> <u>Plasmid</u>  <b>Vol/Iss:</b> 43(2) <b>Pages:</b> 103-110 <b>Date:</b> 03-01-2000	
	168	<b>Author:</b> GHOSH et al. <b>Title:</b> Liver-directed Gene Therapy: Promises, Problems and Prospects at the Turn of the Century <b>Publ:</b> <u>Journal of Hepatology</u>  <b>Vol/Iss:</b> Vol. 32 <b>Pages:</b> 238-252 <b>Date:</b> 01-01-2000	
	169	<b>Author:</b> GIBBINS, A.M. <b>Title:</b> Chickens as Bioreactors - Harvesting Commercially-Valuable Proteins from the Egg <b>Publ:</b> <u>Agri-food Research in Ontario</u>  <b>Vol/Iss:</b> <b>Pages:</b> 39-41 <b>Date:</b> 01-01-1996	
	170	<b>Author:</b> GIBBINS, A.M.V. <b>Title:</b> Transgenic Poultry Technology and Food Production <b>Publ:</b> <u>Animal Biotechnology</u>  <b>Vol/Iss:</b> Vol. 9 No. 3 <b>Pages:</b> 173-179 <b>Date:</b> 01-01-1998	
	171	<b>Author:</b> GIBBINS, A.M.V. <b>Title:</b> The Chicken, the Egg, and the Ancient Mariner <b>Publ:</b> <u>Nat. Biotechnol.</u>  <b>Vol/Iss:</b> Vol. 16, No. 11 <b>Pages:</b> 1013-1014 <b>Date:</b> 01-01-1998	
	172	<b>Author:</b> GIBBINS et al. <b>Title:</b> Genetically-engineered Poultry <b>Publ:</b> <u>Lohmann Information</u>  <b>Vol/Iss:</b> No. 21 <b>Pages:</b> 3-6 <b>Date:</b> 01-01-1997	
	173	<b>Author:</b> GIBBINS et al. <b>Title:</b> Exploring the Product Possibilities Arising from Transgenic Poultry Technology <b>Publ:</b> <u>Kungl. Skogs- och Lantbruksakademiens Tidskrift</u>  <b>Vol/Iss:</b> Vol. 136 No. 20 <b>Pages:</b> 57-68 <b>Date:</b> 01-01-1997	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	14	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	174	<b>Author:</b> GINSBERG et al. <b>Title:</b> The Road Ahead for Biologics Manufacturing  <b>Publ:</b> <u>Equity Research</u>  <b>Vol/Iss:</b> <b>Pages:</b> 1-23 <b>Date:</b> 01-01-2002	
	175	<b>Author:</b> HACKETT, P.B. et al. <b>Title:</b> Development of Genetic Tools for Transgenic Animals  <b>Publ:</b> <u>Transgenic Animals in Agriculture</u>  <b>Vol/Iss:</b> <b>Pages:</b> 19-35 <b>Date:</b> 01-01-1999	
	176	<b>Author:</b> HAN et al. <b>Title:</b> Gene Transfer by Manipulation of Primordial Germ Cells in the Chicken  <b>Publ:</b> <u>AJAS</u>  <b>Vol/Iss:</b> 7(3) <b>Pages:</b> 427-434 <b>Date:</b> 01-01-1994	
	177	<b>Author:</b> HARVEY et al. <b>Title:</b> Expression of Exogenous Protein in the White Egg of Transgenic Chickens  <b>Publ:</b> <u>Nature Biotechnology</u>  <b>Vol/Iss:</b> Vol. 19 No. 4 <b>Pages:</b> 396-399 <b>Date:</b> 04-01-2002	
	178	<b>Author:</b> HERMANN et al. <b>Title:</b> Lipoprotein Receptors in Extraembryonic Tissues of the Chicken  <b>Publ:</b> <u>J. Biol. Chem.</u>  <b>Vol/Iss:</b> Vol. 275 No. 22 <b>Pages:</b> 16837-16844 <b>Date:</b> 06-02-2000	
	179	<b>Author:</b> HILLEL et al. <b>Title:</b> Strategies for the Rapid Introgression of a Specific Gene Modification into a Commercial Poultry Flock from a Single Carrier  <b>Publ:</b> <u>Poultry Science</u>  <b>Vol/Iss:</b> Vol. 72 No. 7 <b>Pages:</b> 1197-1211 <b>Date:</b> 01-01-1993	
	180	<b>Author:</b> HONG et al. <b>Title:</b> Improved Transfection Efficiency of Chicken Gonadal Primordial Germ Cells for the Production of Transgenic Poultry  <b>Publ:</b> <u>Transgenic Research</u>  <b>Vol/Iss:</b> Vol. 7 <b>Pages:</b> 247-252 <b>Date:</b> 01-01-1998	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
Examiner Name					
Sheet	15	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	181	<b>Author:</b> HORN <b>Title:</b> A Versatile Vector Set for Animal Transgenesis  <b>Publ:</b> Development Genes and Evolution  <b>Vol/Iss:</b> 210 (12) <b>Pages:</b> 630-637 <b>Date:</b> 2000	
	182	<b>Author:</b> HOUEBINE, L.M. <b>Title:</b> The Methods to Generate Transgenic Animals and to Control Transgene Expression  <b>Publ:</b> J. Biotechnol.  <b>Vol/Iss:</b> Vol. 98 Nos. 2-3 <b>Pages:</b> 145-160 <b>Date:</b> 09-25-2002	
	183	<b>Author:</b> HOUEBINE, L.M. <b>Title:</b> Transgenic Animal Bioreactors  <b>Publ:</b> Transgenic Research  <b>Vol/Iss:</b> 9 (4-5) <b>Pages:</b> 305-320 <b>Date:</b> 10/01/2000	
	184	<b>Author:</b> IVARIE et al. <b>Title:</b> Avian Transgenesis: Progress Towards the Promise  <b>Publ:</b> TRENDS in Biotech  <b>Vol/Iss:</b> 21 (1) <b>Pages:</b> 14-19 <b>Date:</b> 01/01/2003	
	185	<b>Author:</b> IZSVAK et al. <b>Title:</b> Sleeping Beauty, A Wide Host-Range Transposon Vector for Genetic Transformation in Vertebrates  <b>Publ:</b> J. Mol. Biol.  <b>Vol/Iss:</b> Vol. 302 <b>Pages:</b> 93-102 <b>Date:</b> 01-01-2000	
	186	<b>Author:</b> JARVIS et al. <b>Title:</b> Influence of Different Signal Peptides and Prosequences on Expression and Secretion of Human Tissue Plasminogen Activator in the Baculovirus System  <b>Publ:</b> The Journal of Biological Chemistry  <b>Vol/Iss:</b> 268(22) <b>Pages:</b> 16754-16762 <b>Date:</b> 08/05/1993	
	187	<b>Author:</b> KAMINSKI et al. <b>Title:</b> Design of a Nonviral vector for Site-selective, Efficient Integregation into the Human Genome  <b>Publ:</b> The FASEB Journal  <b>Vol/Iss:</b> Vol. 16 <b>Pages:</b> 1242-1247 <b>Date:</b> 08-01-2002	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	16	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	188	<b>Author:</b> KANDA et al. <b>Title:</b> Genetic Fusion of an a-Subunit Gene to the Follicle-Stimulating Hormone and Chorionic Gonadotropin-b Subunit Genes: Production of a Bifunctional Protein <b>Publ:</b> Molecular Endocrinology  <b>Vol/Iss:</b> 13 (11) <b>Pages:</b> 1873-1881 <b>Date:</b> 11/01/1999	
	189	<b>Author:</b> KAY et al. <b>Title:</b> Viral Vectors for Gene Therapy: the Art of Timing Infectious Agents into Vehicles of Therapeutics <b>Publ:</b> Nature Medicine  <b>Vol/Iss:</b> Vol. 7 No. 1 <b>Pages:</b> 33-40 <b>Date:</b> 01-01-2001	
	190	<b>Author:</b> KLECKNER, N. et al. <b>Title:</b> Transposon Tn10: genetic organization, regulation and insertion specificity <b>Publ:</b> Fed Proc  <b>Vol/Iss:</b> 41(10) <b>Pages:</b> 2649-2652 <b>Date:</b> 08-01-1982	
	191	<b>Author:</b> KLUIN, Ph.M. et al. <b>Title:</b> Proliferation of Spermatogonia and Sertoli Cells in Maturing Mice <b>Publ:</b> Anat. Embryol.  <b>Vol/Iss:</b> 169 <b>Pages:</b> 73-78 <b>Date:</b> 01-01-1984	
	192	<b>Author:</b> Koga et al. <b>Title:</b> The Medaka Fish Tol2 Transposable Element can Undergo Excision in Human and Mouse Cells <b>Publ:</b> J Hum Genet  <b>Vol/Iss:</b> 48 (5) <b>Pages:</b> 231-235 <b>Date:</b> 3/28/2003	
	193	<b>Author:</b> KOUSTENI et al. <b>Title:</b> Reversal of Bone Loss in Mice by Nongenotropic Signaling of Sex Steroids <b>Publ:</b> Science  <b>Vol/Iss:</b> Vol. 298 <b>Pages:</b> 843-846 <b>Date:</b> 10-25-2002	
	194	<b>Author:</b> KOZAK, M. <b>Title:</b> At Least Six Nucleotides Preceding the AUG Initiator Codon Enhance Translation in Mammalian Cells <b>Publ:</b> J. Mol. Biol.  <b>Vol/Iss:</b> 196 <b>Pages:</b> 947-950 <b>Date:</b> 1987	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	17	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	195	<b>Author:</b> KOZAK, M. <b>Title:</b> Initiation of translation in prokaryotes and eukaryotes  <b>Publ:</b> <u>Gene</u>  <b>Vol/Iss:</b> 234 <b>Pages:</b> 187-208 <b>Date:</b> 1999	
	196	<b>Author:</b> KUMARAN, J.D.S. et al. <b>Title:</b> The Normal Development of the Testes in the White Plymouth Rock  <b>Publ:</b> <u>Testis Development in White Plymouth Rock</u>  <b>Vol/Iss:</b> <b>Pages:</b> 511-519 <b>Date:</b> 01-01-1948	
	197	<b>Author:</b> LAMPE, D. et al. <b>Title:</b> Hyperactive transposase mutants of the HimarI mariner transposon  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>  <b>Vol/Iss:</b> 96 <b>Pages:</b> 11428-11433 <b>Date:</b> 09-01-1999	
	198	<b>Author:</b> MARSHAK, S. et al. <b>Title:</b> Purification of the B-Cell Glucose-sensitive Factor that Transactivates the Insulin Gene Differentially in Normal and Transformed Islet Cells  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>  <b>Vol/Iss:</b> Vol. 93 <b>Pages:</b> 15057-15062 <b>Date:</b> 12-01-1996	
	199	<b>Author:</b> MATHER et al. <b>Title:</b> The Mariner Transposable Element: A Potential Vector for Improved Integration of Transgenes into the Chicken Genome  <b>Publ:</b> <u>British Poultry Science</u>  <b>Vol/Iss:</b> Vol. 41 <b>Pages:</b> S27-S28 <b>Date:</b> 09-01-2000	
	200	<b>Author:</b> MEISS et al. <b>Title:</b> Vectors for Dual Expression of Target Genes in Bacterial and Mammalian Cells  <b>Publ:</b> <u>BioTechniques</u>  <b>Vol/Iss:</b> 29(3) <b>Pages:</b> 476, 478, 480 <b>Date:</b> 2000	
	201	<b>Author:</b> MOHAMMED et al. <b>Title:</b> Deposition of Genetically Engineered Human Antibodies into the Egg Yolk of Hens  <b>Publ:</b> <u>Immunotechnology</u>  <b>Vol/Iss:</b> 4 <b>Pages:</b> 115-125 <b>Date:</b> 1998	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	18	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	202	<b>Author:</b> MONROE, D. et al. <b>Title:</b> The COUP-adjacent repressor (CAR) Element Participates in the Tissue-Specific Expression of the Ovalbumin Gene  <b>Publ:</b> Biochemica et Biophysica Acta  <b>Vol/Iss:</b> 1517 <b>Pages:</b> 27-32 <b>Date:</b> 01-01-2000	
	203	<b>Author:</b> MURAMATSU, T. et al. <b>Title:</b> Regulation of Ovalbumin Gene Expression  <b>Publ:</b> Poultry and Avian Biology  <b>Vol/Iss:</b> 6 (2) <b>Pages:</b> 107-123 <b>Date:</b> 01-01-1995	
	204	<b>Author:</b> MUZZIN et al. <b>Title:</b> Hepatic Insulin Gene Expressions as Treatment for aType 1 Diabetes Mellitus in Rats  <b>Publ:</b> Mol Endo  <b>Vol/Iss:</b> Vol. 11 No. 6 <b>Pages:</b> 833-837 <b>Date:</b> 01-01-1997	
	205	<b>Author:</b> NICKLIN et al. <b>Title:</b> Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium  <b>Publ:</b> Hypertension  <b>Vol/Iss:</b> Vol. 38 <b>Pages:</b> 65-70 <b>Date:</b> 01-01-2001	
	206	<b>Author:</b> OAKBERG, E. <b>Title:</b> Duration of Spermatogenesis in the Mouse and Timing of Stages of the Cycle of the Seminiferous Epithelium  <b>Publ:</b> Duration of Spermatogenesis  <b>Vol/Iss:</b> <b>Pages:</b> 507-516 <b>Date:</b>	
	207	<b>Author:</b> Ochiai, H et al. <b>Title:</b> Synthesis of Human Erythropoietin in Vivo in the Oviduct of Laying Hens by Localized in Vivo Gene Transfer using Electroporation  <b>Publ:</b> Poultry Science  <b>Vol/Iss:</b> 77 (2) <b>Pages:</b> 299-302 <b>Date:</b> 1998	
	208	<b>Author:</b> ONO et al. <b>Title:</b> Gene Transfer into Circulating Primordial Germ Cells of Quail Embryos  <b>Publ:</b> Exp. Anim.  <b>Vol/Iss:</b> Vol. 4 No. 4 <b>Pages:</b> 275-278 <b>Date:</b> 01-01-1995	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	19	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	209	<b>Author:</b> OSBORNE et al. <b>Title:</b> A System for Insertional Mutagenesis and Chromosomal Rearrangement Using the Ds Transposon and Crelox  <b>Publ:</b> <u>Plant J.</u>  <b>Vol/Iss:</b> Vol. 7 No. 4 <b>Pages:</b> 687-701 <b>Date:</b> 04-01-1995	
	210	<b>Author:</b> Pain, B et al. <b>Title:</b> Chicken Embryonic Stem Cells and Transgenic Strategies  <b>Publ:</b> <u>Cell Tissues Organs</u>  <b>Vol/Iss:</b> 165 <b>Pages:</b> 212-219 <b>Date:</b> 1999	
	211	<b>Author:</b> PARK, H. <b>Title:</b> COUP-TF Plays a Dual ROLE in the Regulation of the Ovalbumin Gene  <b>Publ:</b> <u>Biochemistry</u>  <b>Vol/Iss:</b> 39 <b>Pages:</b> 8537-8545 <b>Date:</b> 01-01-2000	
	212	<b>Author:</b> PHAN et al. <b>Title:</b> Structural Basis for the Substrate Specificity of Tobacco Etch Virus Protease  <b>Publ:</b> <u>Journal of Biological Chemistry</u>  <b>Vol/Iss:</b> Vol. 277 no. 52 <b>Pages:</b> 50564-50572 <b>Date:</b> 12-27-2002	
	213	<b>Author:</b> PLATON, D. <b>Title:</b> A Shortage of Monoclonal Antibody Manufacturing Capacity  <b>Publ:</b>   <b>Vol/Iss:</b> <b>Pages:</b> <b>Date:</b>	
	214	<b>Author:</b> PRUDHOMME, M. et al. <b>Title:</b> Diversity of Tn4001 transposition products: the flanking IS256 elements can form tandem dimers and IS circles  <b>Publ:</b> <u>J Bacteriol</u>  <b>Vol/Iss:</b> 184(2) <b>Pages:</b> 433-443 <b>Date:</b> 01-01-2002	
	215	<b>Author:</b> QIU, Y. <b>Title:</b> Spatiotemporal Expression Patterns of Chicken Ovalbumin Upstream Promoter-Transcription Factors in the Developing Mouse Central Nervous System: Evidence for a ROLE in Segmental Patterning of the Diencephalon  <b>Publ:</b> <u>Proc. Natl. Acad. Sci.</u>  <b>Vol/Iss:</b> 91 <b>Pages:</b> 4451-4455 <b>Date:</b> 01-01-1994	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known		
				Application No.	10/583,812	
				Filing Date	6/22/2006	
				First Named Inventor	Richard K. Cooper	
				Group Art Unit		
Examiner Name						
Sheet	20	of	23	Attorney Docket Number	51687-0261 (51687-331126)	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	216	<b>Author:</b> Richardson, P.D. <b>Title:</b> Gene Repair and Transposon- Mediated Gene Therapy  <b>Publ:</b> <u>Stem Cells</u>  <b>Vol/Iss:</b> 20 <b>Pages:</b> 112-115 <b>Date:</b> 2002	
	217	<b>Author:</b> SAKAI, J. et al. <b>Title:</b> Two classes of Tn10 transposase mutants that suppress mutations in the Tn10 terminal inverted repeat  <b>Publ:</b> <u>Genetics</u>  <b>Vol/Iss:</b> 144(3) <b>Pages:</b> 861-870 <b>Date:</b> 11-01-1996	
	218	<b>Author:</b> Sarmasik, Aliye et al. <b>Title:</b> Transgenic live-bearing fish and crustaceans produced by transforming immature gonads with replication-defective pantropic retroviral vectors  <b>Publ:</b> <u>Marine Biotechnology</u>  <b>Vol/Iss:</b> 3 (5) <b>Pages:</b> 470-477 <b>Date:</b> 2001	
	219	<b>Author:</b> SASAKAWA, C. et al. <b>Title:</b> Control of transposon Tn5 transposition in Escherichia coli  <b>Publ:</b> <u>Prod Natl Acad Sci USA</u>  <b>Vol/Iss:</b> 79(23) <b>Pages:</b> 7450-7454 <b>Date:</b> 12-01-1982	
	220	<b>Author:</b> SCHLENSTEDT et al. <b>Title:</b> Structural Requirements for Transport of PreprocecropinA and Related Presecretory Proteins into Mammalian Microsomes  <b>Publ:</b> <u>The Journal of Biological Chemistry</u>  <b>Vol/Iss:</b> 267(34) <b>Pages:</b> 24328-24332 <b>Date:</b> 12/05/1992	
	221	<b>Author:</b> SCHNEIDER et al. <b>Title:</b> An Epitope Tagged Mammalian / Prokaryotic Expression Vector with Positive Selection of Cloned Inserts  <b>Publ:</b> <u>Gene: An International Journal on Genes and Genomes</u>  <b>Vol/Iss:</b> 197 <b>Pages:</b> 337-341 <b>Date:</b> 1997	
	222	<b>Author:</b> SCHULTZ et al. <b>Title:</b> Translation Initiation of IS50R Read-through Transcripts  <b>Publ:</b> <u>J. Mol. Biol.</u>  <b>Vol/Iss:</b> 221 <b>Pages:</b> 65-80 <b>Date:</b> 1991	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	21	of	23	Attorney Docket Number	51687-0261 (51687-331126)

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	223	<b>Author:</b> SEAL et al. <b>Title:</b> Mutational Studies Reveal a Complex Set of Positive and Negative Control Elements Within the Chicken Vitellogenin II Promoter  <b>Publ:</b> <u>Mol. Cell Biol.</u>  <b>Vol/Iss:</b> Vol. 11 No. 5 <b>Pages:</b> 2704-2717 <b>Date:</b> 05-01-1991	
	224	<b>Author:</b> SEKINE, Y. et al. <b>Title:</b> Identification of the site of translational frameshifting required for production of the transposase encoded by insertion sequence IS 1  <b>Publ:</b> <u>Mol Gen Genet</u>  <b>Vol/Iss:</b> 235(2-3) <b>Pages:</b> 317-324 <b>Date:</b> 11-01-1992	
	225	<b>Author:</b> SEKINE, Y. et al <b>Title:</b> DNA Sequences required for translational frameshifting in production of the transposase encoded by IS1  <b>Publ:</b> <u>Mol Gen Genet</u>  <b>Vol/Iss:</b> 235(2-3) <b>Pages:</b> 325-332 <b>Date:</b> 11-01-1992	
	226	<b>Author:</b> SHARMA et al. <b>Title:</b> Pancreatic Islet Expression of the Homeobox Factor STF-1 Relies on and E-box Motif That Binds USF  <b>Publ:</b> <u>Journal of Biological Chemistry</u>  <b>Vol/Iss:</b> Vol. 271 No. 4 <b>Pages:</b> 2294-2299 <b>Date:</b> 01-26-1996	
	227	<b>Author:</b> SHERMAN et al. <b>Title:</b> Transposition of the Drosophila Element Mariner into the Chicken Germ Line  <b>Publ:</b> <u>Nature Biotechnology</u>  <b>Vol/Iss:</b> Vol. 16 <b>Pages:</b> 1050-1053 <b>Date:</b> 11-01-1998	
	228	<b>Author:</b> SHERRATT, D. <b>Title:</b> Tn3 and Related Transposable Elements: Site-Specific Recombination and Transposition  <b>Publ:</b> <u>Mobile DNA</u>  <b>Vol/Iss:</b> <b>Pages:</b> 163-184 <b>Date:</b> 01-01-1989	
	229	<b>Author:</b> SIMONS, R.W. et al. <b>Title:</b> Translational Control of IS10 transposition  <b>Publ:</b> <u>Cell</u>  <b>Vol/Iss:</b> 34(2) <b>Pages:</b> 683-691 <b>Date:</b> 09-01-1983	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known		
				Application No.	10/583,812	
				Filing Date	6/22/2006	
				First Named Inventor	Richard K. Cooper	
				Group Art Unit		
Examiner Name						
Sheet	22	of	23	Attorney Docket Number	51687-0261 (51687-331126)	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	230	<b>Author:</b> SLOWINSKI et al. <b>Title:</b> Pattern of Prepro-Endothelin-1 Expression Revealed by Reporter-Gene Activity in Kidneys of Erythropoietin-Overexpressing Mice  <b>Publ:</b> <u>Clinical Science</u>  <b>Vol/Iss:</b> 103 (48) <b>Pages:</b> 445-475 <b>Date:</b> Clinical Science	
	231	<b>Author:</b> VILEN et al. <b>Title:</b> Construction of Gene-targeting Vectors: a Rapid Mu in vitro DNA Transposition-based Strategy Generating Null, Potentially Hypomorphic, and Conditional Alleles  <b>Publ:</b> <u>Transgenic Research</u>  <b>Vol/Iss:</b> Vol. 10 <b>Pages:</b> 69-80 <b>Date:</b> 01-01-2001	
	232	<b>Author:</b> Von Specht, M. <b>Title:</b> Expression eines rekombinanten humanen Proteins in vitro und in vivo in Eileiterzellen des Huhnes, am Beispiel von humanem Erythropoietin, hrEPO (English Translation Provided)  <b>Publ:</b> <u>Dissertation</u>  <b>Vol/Iss:</b> <b>Pages:</b> 49-68 <b>Date:</b> 2002	
	233	<b>Author:</b> Wallace et al. <b>Title:</b>  <b>Publ:</b> <u>Biology the Science of Life</u>  <b>Vol/Iss:</b> 2 <b>Pages:</b> 235 <b>Date:</b> 1986	
	234	<b>Author:</b> WANG, A. et al. <b>Title:</b> Activation of silent genes by transposons Tn5 and Tn10.  <b>Publ:</b> <u>Genetics</u>  <b>Vol/Iss:</b> 120(4) <b>Pages:</b> 875-885 <b>Date:</b> 12-01-1988	
	235	<b>Author:</b> XANTHOPOULOS et al. <b>Title:</b> The structure of the gene for cecropin B, an antibacterial immune protein from Hyalophora cecropia  <b>Publ:</b> <u>European Journal of Biochemistry</u>  <b>Vol/Iss:</b> 172 <b>Pages:</b> 371-376 <b>Date:</b> 1988	
	236	<b>Author:</b> ZAGORAIOU, L. <b>Title:</b> In vivo Transposition of Minos, a Drosophila Mobile Element, in Mammalian Tissues  <b>Publ:</b> <u>Proc. Natl. Acad. Sci. USA</u>  <b>Vol/Iss:</b> 98 (20) <b>Pages:</b> 11474-11478 <b>Date:</b> 01-01-2001	

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
--------------------	-------------------------------	-----------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449/A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application No.	10/583,812
				Filing Date	6/22/2006
				First Named Inventor	Richard K. Cooper
				Group Art Unit	
				Examiner Name	
Sheet	23	of	23	Attorney Docket Number	51687-0261 (51687-331126)
<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
	237	Author: ZHUKOVA et al. Title: Expression of the Human Insulin Gene in the Gastric G Cells of Transgenic Mice  Publ: Transgenic Research  Vol/Iss: Vol. 10 Pages: 329-341 Date: 01-01-2001			

Examiner Signature	/Sumesh Kaushal/ (01/30/2011)	Date Considered	
-----------------------	-------------------------------	--------------------	--

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.K./